

CG  
EX a rectangular frame for movably supporting the vibrating diaphragm and having a through hole in its center;

a magnetic circuit formed by a top plate having a rectangular shape and having a through hole in its center, a plate-shaped magnet having a rectangular shape and having a circular through hole in its center, and a back plate having a rectangular shape and having an integrally formed upright pole on its center,

wherein each of the top plate, the plate-shaped magnet and the back plate has a width and a length, each width being substantially less than each respective length, thereby permitting installation of the speaker unit in a narrow space.

wherein the top plate, the plate-shaped magnet and the back plate each has a width that is equal to or narrower than a width of the rectangular frame in its shorter axis, and

wherein the top plate, the plate-shaped magnet and the back plate each has a length that is equal to or shorter than a length of the rectangular frame in its longer axis.

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EX 6. (Three Times Amended) A speaker unit comprising:

an elliptical vibrating diaphragm;

a cylindrical voice coil having a circular cross-section and secured at one end thereof on a center of the elliptical vibrating diaphragm;

a rectangular [an elliptical] frame with an elliptical recess portion for movably supporting the vibrating diaphragm and having a through hole in its center;

a magnetic circuit formed by a top plate having a rectangular shape and having a through hole in its center, a plate-shaped magnet having a rectangular shape and having a circular through hole in its center, and a back plate having a rectangular shape and having an integrally formed upright pole on its center,

wherein each of the top plate, the plate-shaped magnet and the back plate has a width and a length, each width being substantially less than each respective length, thereby permitting installation of the speaker unit in a narrow space.

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wherein the top plate, the plate-shaped magnet and the back plate each has a width that is equal to or narrower than a width of the [elliptical] frame in its shorter axis, and

wherein the top plate, the plate-shaped magnet and the back plate each has a length that is equal to or shorter than a length of the [elliptical] frame in its longer axis.

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17. (Amended) The speaker unit of claim 6, wherein the magnetic circuit has [an elliptical] a rectangular shape.

E4  
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20. (Amended) A speaker unit comprising:  
an elliptical vibrating diaphragm;  
a cylindrical voice coil having a circular cross-section and secured at one end thereof on a center of the elliptical vibrating diaphragm;  
a rectangular frame for movably supporting the vibrating diaphragm and having a through hole in its center;

a rectangular magnetic circuit formed by a top plate having a rectangular shape and having a through hole in its center, a plate-shaped magnet having a rectangular shape and having a circular through hole in its center, and a back plate having a rectangular shape and having an integrally formed upright pole on its center,

wherein each of the top plate, the plate-shaped magnet and the back plate has a width and a length, each width being substantially less than each respective length, thereby permitting installation of the speaker unit in a narrow space, and

wherein the top plate, the plate-shaped magnet and the back plate each has a width that is narrower than a width of the rectangular frame in its shorter axis.

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22. (Twice Amended) The speaker unit of claim 20, [wherein the top plate, the plate-shaped magnet and the back plate each has a width that is equal to or narrower than a width of the rectangular frame in its shorter axis, and] wherein the top plate, the plate-shaped magnet and the back plate each has a length that is equal to or shorter than a length of the rectangular frame in its longer axis.

23. (Amended) A speaker unit comprising:  
an elliptical vibrating diaphragm;  
a cylindrical voice coil having a circular cross-section and secured at one end thereof on a center of the elliptical vibrating diaphragm;  
a rectangular [an elliptical] frame having an elliptical recess portion for movably supporting the vibrating diaphragm and having a through hole in its center;

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a [an elliptical] magnetic circuit formed by a top plate having a rectangular shape and having a through hole in its center, a plate-shaped magnet having a rectangular shape and having a circular through hole in its center, and a back plate having a rectangular shape and having an upright pole on its center,

wherein each of the top plate, the plate-shaped magnet and the back plate has a width and a length, each width being substantially less than each respective length, thereby permitting installation of the speaker unit in a narrow space, and

wherein the top plate, the plate-shaped magnet and the back plate each has a width that is narrower than a width of the [elliptical] frame in its shorter axis.

24. (Amended) The speaker unit of claim 23, [wherein the top plate, the plate-shaped magnet and the back plate each has a width that is equal to or narrower than a width of the elliptical frame in its shorter axis, and] wherein the top plate, the plate-shaped magnet and the back plate each has a length that is equal to or shorter than a length of the [elliptical] frame in its longer axis.

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25. (Amended) A speaker unit comprising:

- an elliptical vibrating diaphragm;
- a cylindrical voice coil having a circular cross-section and secured at one end thereof on a center of the elliptical vibrating diaphragm;
- a rectangular frame for movably supporting the vibrating diaphragm and having a through hole in its center;
- a magnetic circuit formed by a top plate having a rectangular shape and having a through hole in its center, a first plate-shaped magnet having a rectangular shape and having a circular through hole in its center, a back plate having a rectangular shape and having an integrally formed upright pole on its center, and a second plate-shaped magnet on an opposite side of the back plate from the first plate-shaped magnet,

wherein each of the top plate, the plate-shaped magnet and the back plate has a width and a length, each width being substantially less than each respective length, thereby permitting installation of the speaker unit in a narrow space, and

wherein the top plate, the plate-shaped magnet and the back plate each has a width that is narrower than a width of the rectangular frame in its shorter axis.

E6

26. (Twice Amended) The speaker unit of claim 25, [wherein the top plate, the plate-shaped magnet and the back plate each has a width that is equal to or narrower than a width of the rectangular frame in its shorter axis, and] wherein the top plate, the plate-shaped magnet and the back plate each has a length that is equal to or shorter than a length of the rectangular frame in its longer axis.

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28. (Amended) A speaker unit comprising:  
an elliptical vibrating diaphragm;  
a cylindrical voice coil having a circular cross-section and secured at one end thereof on a center of the elliptical vibrating diaphragm;

a rectangular [an elliptical] frame having an elliptical recess portion for movably supporting the vibrating diaphragm and having a through hole in its center;

a magnetic circuit formed by a top plate having a rectangular shape and having a through hole in its center, a first plate-shaped magnet having a rectangular shape and having a circular through hole in its center, a back plate having a rectangular shape and having an upright pole on its center, and a second plate-shaped magnet on an opposite side of the back plate from the first plate-shaped magnet,

wherein each of the top plate, the plate-shaped magnet and the back plate has a width and a length, each width being substantially less than each respective length, thereby permitting installation of the speaker unit in a narrow space, and

wherein the top plate, the plate-shaped magnet and the back plate each has a width that is narrower than a width of the [elliptical] frame in its shorter axis.

29. (Amended) The speaker unit of claim 28, [wherein the top plate, the plate-shaped magnet and the back plate each has a width that is equal to or narrower than a width of the elliptical frame in its shorter axis, and] wherein the top plate, the plate-shaped magnet and the back plate each has a length that is equal to or shorter than a length of the [elliptical] frame in its longer axis.

30. (Twice Amended) The speaker unit of claim 4, wherein the magnetic circuit has [an elliptical] a rectangular shape.